

Ranjan K Mallik

List of Publications by Year in descending order

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223
papers

5,893
citations

101384

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226
docs citations

226
times ranked

3357
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of cooperative spectrum sensing with energy detection in cognitive radio networks. IEEE Transactions on Wireless Communications, 2009, 8, 5761-5766.	6.1	626
2	Analysis of transmit-receive diversity in rayleigh fading. IEEE Transactions on Communications, 2003, 51, 694-703.	4.9	403
3	Bounds for multihop relayed communications in nakagami-m fading. IEEE Transactions on Communications, 2006, 54, 18-22.	4.9	344
4	Performance analysis of MIMO free-space optical systems in gamma-gamma fading. IEEE Transactions on Communications, 2009, 57, 3415-3424.	4.9	308
5	On multivariate rayleigh and exponential distributions. IEEE Transactions on Information Theory, 2003, 49, 1499-1515.	1.5	183
6	Cooperative Spectrum Sensing in Multiple Antenna Based Cognitive Radio Network Using an Improved Energy Detector. IEEE Communications Letters, 2012, 16, 64-67.	2.5	167
7	Secure Transmission With Antenna Selection in MIMO Nakagami- m Fading Channels. IEEE Transactions on Wireless Communications, 2014, 13, 6054-6067.	6.1	142
8	Joint Power Allocation and Relay Selection in Energy Harvesting AF Relay Systems. IEEE Wireless Communications Letters, 2013, 2, 239-242.	3.2	134
9	Analysis of hybrid selection/maximal-ratio combining in correlated Nakagami fading. IEEE Transactions on Communications, 2002, 50, 1372-1383.	4.9	114
10	Channel Capacity of Adaptive Transmission With Maximal Ratio Combining in Correlated Rayleigh Fading. IEEE Transactions on Wireless Communications, 2004, 3, 1124-1133.	6.1	112
11	A Machine Learning Approach for Power Allocation in HetNets Considering QoS. , 2018, , .		85
12	Performance of dual-diversity predetection EGC in correlated Rayleigh fading with unequal branch SNRs. IEEE Transactions on Communications, 2002, 50, 1041-1044.	4.9	82
13	Bounds and approximations for optimum combining of signals in the presence of multiple cochannel interferers and thermal noise. IEEE Transactions on Communications, 2003, 51, 296-307.	4.9	82
14	Physical Layer Security in Three-Tier Wireless Sensor Networks: A Stochastic Geometry Approach. IEEE Transactions on Information Forensics and Security, 2016, 11, 1128-1138.	4.5	82
15	The inverse of a tridiagonal matrix. Linear Algebra and Its Applications, 2001, 325, 109-139.	0.4	74
16	The pseudo-wishart distribution and its application to mimo systems. IEEE Transactions on Information Theory, 2003, 49, 2761-2769.	1.5	70
17	Power Allocation for Conventional and Buffer-Aided Link Adaptive Relaying Systems with Energy Harvesting Nodes. IEEE Transactions on Wireless Communications, 2014, 13, 1182-1195.	6.1	69
18	Analytical Performance of Amplify-and-Forward MIMO Relaying with Orthogonal Space-Time Block Codes. IEEE Transactions on Communications, 2010, 58, 2147-2158.	4.9	67

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19	Performance analysis of space-time coding with imperfect channel estimation. IEEE Transactions on Wireless Communications, 2005, 4, 257-265.	6.1	63
20	Performance Evaluation of Best-Path Selection in a Multihop Decode-and-Forward Cooperative System. IEEE Transactions on Vehicular Technology, 2016, 65, 2722-2728.	3.9	61
21	Minimum Selection GSC in Independent Rayleigh Fading. IEEE Transactions on Vehicular Technology, 2005, 54, 1013-1021.	3.9	56
22	Performance Analysis of Amplitude Modulation Schemes for Diffusion-Based Molecular Communication. IEEE Transactions on Wireless Communications, 2015, 14, 5681-5691.	6.1	55
23	PLC System Performance With AF Relaying. IEEE Transactions on Communications, 2015, 63, 2337-2345.	4.9	54
24	Performance of an Improved Energy Detector in Multihop Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 732-743.	3.9	53
25	Cooperative spectrum sensing with an improved energy detector in cognitive radio network. , 2011, , .		52
26	Analysis of an on-off jamming situation as a dynamic game. IEEE Transactions on Communications, 2000, 48, 1360-1373.	4.9	51
27	A game-theoretic approach for distributed power control in interference relay channels. IEEE Transactions on Wireless Communications, 2009, 8, 3151-3161.	6.1	51
28	Error analysis of the decode and forward protocol with selection combining. IEEE Transactions on Wireless Communications, 2009, 8, 3086-3094.	6.1	50
29	Performance analysis of a multi-hop power line communication system over log-normal fading in presence of impulsive noise. IET Communications, 2015, 9, 1-9.	1.5	49
30	Secrecy Outage of a Simultaneous Wireless Information and Power Transfer Cognitive Radio System. IEEE Wireless Communications Letters, 2016, 5, 288-291.	3.2	49
31	Performance Analysis of Buffer-Aided Priority-Based Max-Link Relay Selection in DF Cooperative Networks. IEEE Transactions on Communications, 2018, 66, 2826-2839.	4.9	49
32	Higher order statistics of antenna subset diversity. IEEE Transactions on Wireless Communications, 2003, 2, 871-875.	6.1	48
33	A New Statistical Model of the Complex Nakagami-m Fading Gain. IEEE Transactions on Communications, 2010, 58, 2611-2620.	4.9	48
34	Optimization of Cooperative Spectrum Sensing with an Improved Energy Detector over Imperfect Reporting Channels. , 2011, , .		45
35	Beamforming and Combining in Two-Way AF MIMO Relay Networks. IEEE Communications Letters, 2013, 17, 1400-1403.	2.5	45
36	Bit-Error Probability for Optimum Combining of Binary Signals in the Presence of Interference and Noise. IEEE Transactions on Wireless Communications, 2004, 3, 395-407.	6.1	41

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37	Modulo conversion method for estimating the direction of arrival. IEEE Transactions on Aerospace and Electronic Systems, 2000, 36, 1391-1396.	2.6	40
38	Performance analysis of a power line communication system employing selection combining in correlated log-normal channels and impulsive noise. IET Communications, 2014, 8, 1072-1082.	1.5	40
39	Cognitive MIMO Relay Networks With Generalized Selection Combining. IEEE Transactions on Wireless Communications, 2014, 13, 4911-4922.	6.1	37
40	Solutions of Linear Difference Equations with Variable Coefficients. Journal of Mathematical Analysis and Applications, 1998, 222, 79-91.	0.5	35
41	Physical Layer Security of a Multiantenna-Based CR Network With Single and Multiple Primary Users. IEEE Transactions on Vehicular Technology, 2017, 66, 11011-11022.	3.9	35
42	WLC41-1: An Optimized User Selection Method for Cooperative Diversity Systems. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	34
43	Sensing Time and Power Optimization in MIMO Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2012, 11, 3398-3408.	6.1	33
44	Scaled Selection Combining Based Cooperative Diversity System With Decode and Forward Relaying. IEEE Transactions on Vehicular Technology, 2010, 59, 4388-4399.	3.9	32
45	Error analysis of noncoherent M-ary FSK with postdetection EGC over correlated Nakagami and Rician channels. IEEE Transactions on Communications, 2002, 50, 378-383.	4.9	29
46	Analysis of dedicated and shared device-to-device communication in cellular networks over Nakagami- m fading channels. IET Communications, 2017, 11, 1600-1609.	1.5	29
47	On the Solution of a Second Order Linear Homogeneous Difference Equation with Variable Coefficients. Journal of Mathematical Analysis and Applications, 1997, 215, 32-47.	0.5	28
48	Title is missing!. Wireless Personal Communications, 2003, 25, 87-100.	1.8	28
49	Distributed Transmit Antenna Selection (DTAS) Under Performance or Energy Consumption Constraints. IEEE Transactions on Wireless Communications, 2008, 7, 1168-1173.	6.1	28
50	Relay Subset Selection and Fair Power Allocation for Best and Partial Relay Selection in Generic Noise and Interference. IEEE Transactions on Wireless Communications, 2012, 11, 1828-1839.	6.1	28
51	Minimum Probability of Error-Based Methods for Adaptive Multiuser Detection in Multipath DS-SS Channels. IEEE Transactions on Wireless Communications, 2004, 3, 939-948.	6.1	27
52	Coverage and Interference in D2D Networks With Poisson Cluster Process. IEEE Communications Letters, 2018, 22, 1098-1101.	2.5	27
53	Distribution of Inner Product of Complex Gaussian Random Vectors and its Applications. IEEE Transactions on Communications, 2011, 59, 3353-3362.	4.9	26
54	Error probability of binary NFSK and DPSK with postdetection combining over correlated Rician channels. IEEE Transactions on Communications, 2000, 48, 1975-1978.	4.9	25

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55	A Probabilistic Approach to Modeling Users' Network Selection in the Presence of Heterogeneous Wireless Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 3331-3341.	3.9	25
56	Hybrid Coherent/Energy Detection for Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2011, 10, 1594-1605.	6.1	23
57	Performance of a PLC system in impulsive noise with selection combining. , 2012, , .		23
58	Analysis of Minimum Selection H-S/MRC in Rayleigh Fading. IEEE Transactions on Communications, 2005, 53, 780-784.	4.9	22
59	Average of Product of Two Gaussian Q-Functions and its Application to Performance Analysis in Nakagami Fading. IEEE Transactions on Communications, 2008, 56, 1289-1299.	4.9	22
60	Performance Analysis of Decode-and-Forward Multi-Hop Communication: A Difference Equation Approach. IEEE Transactions on Communications, 2012, 60, 339-345.	4.9	22
61	Optimized diversity combining with imperfect channel estimation. IEEE Transactions on Information Theory, 2006, 52, 1176-1184.	1.5	21
62	Performance Analysis of Free-Space Optical Systems in Gamma-Gamma Fading. , 2008, , .		21
63	Performance of Full CSI Selection Combining for Cooperative Diversity Systems. IEEE Transactions on Communications, 2012, 60, 2482-2488.	4.9	21
64	Power Allocation in Energy Harvesting Relay Systems. , 2012, , .		21
65	Buffer-Aided Multi-Hop DF Cooperative Networks: A State-Clustering Based Approach. IEEE Transactions on Communications, 2016, 64, 4997-5010.	4.9	21
66	Analysis of minimum selection GSC in Rayleigh fading. , 2004, , .		20
67	Distribution of Inner Product of Two Complex Gaussian Vectors and its Application to MPSK Performance. , 2008, , .		20
68	Exact error performance of square orthogonal space- time block coding with channel estimation. IEEE Transactions on Communications, 2006, 54, 430-437.	4.9	19
69	Impact of Primary Network on Secondary Network with Generalized Selection Combining. IEEE Transactions on Vehicular Technology, 2014, , 1-1.	3.9	19
70	Modeling and performance analysis of a PLC system in presence of impulsive noise. , 2015, , .		19
71	Coherent detection in a receive diversity PLC system under Nakagami-m noise environment. , 2016, , .		19
72	Channel capacity in evenly correlated Rayleigh fading with different adaptive transmission schemes and maximal ratio combining. , 0, , .		18

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73	The Uniform Correlation Matrix and its Application to Diversity. IEEE Transactions on Wireless Communications, 2007, 6, 1619-1625.	6.1	18
74	Analysis and Design of Cooperative BICM-OFDM Systems. IEEE Transactions on Communications, 2011, 59, 1742-1751.	4.9	18
75	Joint channel estimation and decoding of space-time block codes in AF MIMO relay networks. , 2012, , .		18
76	Optimum combining with correlated interference. IEEE Transactions on Wireless Communications, 2005, 4, 2340-2348.	6.1	17
77	Noncoherent Reception of Multi-Level ASK in Rayleigh Fading with Receive Diversity. IEEE Transactions on Communications, 2014, 62, 135-143.	4.9	17
78	Smart Grid Network With D2D Communication and Coherent PLC: Error Analysis. IEEE Transactions on Vehicular Technology, 2020, 69, 1051-1054.	3.9	17
79	On the Solution of a Linear Homogeneous Difference Equation with Variable Coefficients. SIAM Journal on Mathematical Analysis, 2000, 31, 375-385.	0.9	16
80	Ergodic Capacity and Beamforming Optimality for Multi-Antenna Relaying with Statistical CSI. IEEE Transactions on Communications, 2011, 59, 2119-2131.	4.9	16
81	Threshold optimization of a finite sample-based cognitive radio network using energy detector. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	1.5	16
82	Coverage Probability Analysis in a Device-to-Device Network: Interference Functional and Laplace Transform Based Approach. IEEE Communications Letters, 2019, 23, 466-469.	2.5	15
83	MIMO Terahertz Quantum Key Distribution. IEEE Communications Letters, 2021, 25, 3345-3349.	2.5	15
84	Performance Analysis of OSTBC Relaying in AF MIMO Relay System with Imperfect CSI. IEEE Transactions on Vehicular Technology, 2014, , 1-1.	3.9	14
85	Channel Magnitude Based Energy Detection With Receive Diversity for Multi-Level Amplitude-Shift Keying in Rayleigh Fading. IEEE Transactions on Communications, 2017, 65, 3079-3094.	4.9	14
86	Performance Analysis of an Index Modulation-Based Receive Diversity RIS-Assisted Wireless Communication System. IEEE Communications Letters, 2022, 26, 768-772.	2.5	14
87	Effect of channel correlation on multi-hop data transmission over power lines with decode-and-forward relays. IET Communications, 2016, 10, 1623-1630.	1.5	13
88	Performance analysis of space-time coding with imperfect channel estimation. , 0, , .		12
89	Diversity combining in FSO systems in presence of non-Gaussian noise. , 2012, , .		12
90	Coalition-Assisted Resource Allocation in Large Amplify-and-Forward Cooperative Networks. IEEE Transactions on Vehicular Technology, 2012, 61, 1863-1873.	3.9	12

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91	Asymptotic Performance of Generalized Selection Combining in Generic Noise and Fading. IEEE Transactions on Communications, 2012, 60, 916-922.	4.9	12
92	Performance analysis of multiple sample based improved energy detector in collaborative CR networks. , 2013, , .		12
93	A Space-Time Block Coded Spatial Modulation From (n,k) Error Correcting Code. IEEE Wireless Communications Letters, 2014, 3, 54-57.	3.2	12
94	Signal Design for Multiple Antenna Systems With Spatial Multiplexing and Noncoherent Reception. IEEE Transactions on Communications, 2015, 63, 1245-1258.	4.9	12
95	Linear detection for the nonorthogonal amplify and forward protocol. IEEE Transactions on Wireless Communications, 2009, 8, 826-835.	6.1	11
96	Channel Estimation and Decoding of OSTBC in Two-Way AF MIMO Relay Networks. , 2013, , .		11
97	Solutions of Differentialâ€“Difference Equations Arising from Mathematical Models of Granulocytopoiesis. Differential Equations and Dynamical Systems, 2014, 22, 33-49.	0.5	11
98	The Exponential Correlation Matrix: Eigen-Analysis and Applications. IEEE Transactions on Wireless Communications, 2018, 17, 4690-4705.	6.1	11
99	Power Control for Relay-Assisted Wireless Systems with General Relaying. , 2010, , .		10
100	Analysis and relay placement for DF cooperative BICM-OFDM systems. , 2011, , .		10
101	Outage probability of Amplify-and-Forward two-way cooperative systems in presence of multiple co-channel interferers. , 2013, , .		10
102	Performance analysis of nonâ€“coherent PLC with multiâ€“level ASK in impulsive noise environment. IET Communications, 2018, 12, 816-823.	1.5	10
103	Performance analysis of diffusive molecular timing channels. IET Communications, 2019, 13, 3059-3067.	1.5	10
104	Error Analysis of Receive Diversity Noncoherent PLC System in Impulsive Noise Environment. IEEE Transactions on Vehicular Technology, 2019, 68, 962-966.	3.9	10
105	Incremental Relaying for Power Line Communications: Performance Analysis and Power Allocation. IEEE Systems Journal, 2019, 13, 4236-4247.	2.9	10
106	Performance Analysis of Coherent PLC With MPSK Signaling in Nakagami- m Noise Environment. IEEE Transactions on Vehicular Technology, 2020, 69, 3057-3067.	3.9	10
107	Secrecy Outage Performance of SWIPT Cognitive Radio Network With Imperfect CSI. IEEE Access, 2020, 8, 3911-3919.	2.6	10
108	Secrecy Optimization for Diffusion-Based Molecular Timing Channels. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2021, 7, 253-261.	1.4	10

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109	Threshold optimization of finite sample based cognitive radio network. , 2012, , .		9
110	Molecular communication with Brownian motion and a positive drift: performance analysis of amplitude modulation schemes. IET Communications, 2014, 8, 2413-2422.	1.5	9
111	Effect of Molecular Noise in Diffusion-Based Molecular Communication. IEEE Wireless Communications Letters, 2014, 3, 489-492.	3.2	9
112	Cooperative NOMA with AF Relaying over Nakagami-m Fading in a D2D Network. , 2019, , .		9
113	Channel Magnitude-Based MIMO With Energy Detection for Internet of Things Applications. IEEE Internet of Things Journal, 2019, 6, 9893-9907.	5.5	9
114	Virtual full-duplex relaying in multi-hop DF cooperative networks using half-duplex relays with buffers. IET Communications, 2019, 13, 489-495.	1.5	9
115	Channel Estimation and Secret Key Rate Analysis of MIMO Terahertz Quantum Key Distribution. IEEE Transactions on Communications, 2022, 70, 3350-3363.	4.9	9
116	Exact analysis of optimum combining in interference and noise over a Rayleigh fading channel. , 0, , .		8
117	Analysis of RAKE reception with MRC and imperfect weight estimation for binary coherent orthogonal signaling. IEEE Communications Letters, 2002, 6, 245-247.	2.5	8
118	A Joint Performance Measure for the Decorrelating Multiuser Detector. IEEE Transactions on Wireless Communications, 2004, 3, 1024-1030.	6.1	8
119	Analysis of Wavelet Modulation in Frequency-Selective Fading. IEEE Transactions on Vehicular Technology, 2007, 56, 3818-3826.	3.9	8
120	Optimum Receiver Performance With Binary Phase-Shift Keying for Decode-and-Forward Relaying. IEEE Transactions on Vehicular Technology, 2011, 60, 1948-1954.	3.9	8
121	BER Analysis of Uplink OFDMA in the Presence of Carrier Frequency and Timing Offsets on Rician Fading Channels. IEEE Transactions on Vehicular Technology, 2011, 60, 4392-4402.	3.9	8
122	Beamforming and combining based on estimated channels in cooperative relay networks. , 2012, , .		8
123	Network Coded Multi-Source Cooperative Communication in BICM-OFDM Networks. IEEE Transactions on Wireless Communications, 2012, 11, 3180-3193.	6.1	8
124	Signal Design for Frequency-Phase Keying. IEEE Transactions on Wireless Communications, 2020, 19, 4067-4079.	6.1	8
125	Compensation of Transmitter IQ Imbalance in Multi-User Hybrid Beamforming Systems. IEEE Access, 2021, 9, 98231-98248.	2.6	8
126	On the solution of a third order linear homogeneous difference equation with variable coefficients. Journal of Difference Equations and Applications, 1998, 4, 501-521.	0.7	7

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127	On the impulse response of a discrete-time linear IIR system. , 2003, 13, 128-143.		7
128	A Tight Upper Bound on the PEP of a Space-Time Coded System. IEEE Transactions on Wireless Communications, 2007, 6, 3238-3247.	6.1	7
129	Amplify-and-Forward Cooperative Diversity for BICM-OFDM Systems. , 2010, , .		7
130	Single-Relay Cooperative Diversity with Scaled Selection Combining. IEEE Transactions on Communications, 2011, 59, 701-707.	4.9	7
131	Voltage control of a DC microgrid with double-input converter in a multi-PV scenario using PLC. , 2016, , .		7
132	Optimal ASK Levels for Channel Magnitude Based Diversity Reception in Rayleigh Fading. IEEE Transactions on Communications, 2018, 66, 4345-4360.	4.9	7
133	Molecular Communication: The First Arrival Position Channel. IEEE Wireless Communications Letters, 2019, 8, 508-511.	3.2	7
134	Optimal 4-Ary Imbalanced-Phase-Amplitude Modulation in Uncorrelated and Correlated Receive Diversity PLC Systems Under Nakagami- m Noise Environment. IEEE Transactions on Vehicular Technology, 2021, 70, 6343-6354.	3.9	7
135	Channel Capacity of an Asymmetric Constellation in Rayleigh Fading With Noncoherent Energy Detection. IEEE Transactions on Wireless Communications, 2021, 20, 7375-7388.	6.1	7
136	Machine-Learning-Based Parameter Estimation of Gaussian Quantum States. IEEE Transactions on Quantum Engineering, 2022, 3, 1-13.	2.9	7
137	Analysis of rake reception with multiple symbol weight estimation for antipodal signaling. IEEE Transactions on Communications, 2003, 51, 1721-1729.	4.9	6
138	Performance of Optimum and Suboptimum Receivers for Space-Time Coded Systems in Correlated Fading. IEEE Transactions on Communications, 2009, 57, 1237-1241.	4.9	6
139	Deterministic Linear Combining Receivers for Random Fading Channels. IEEE Transactions on Communications, 2010, 58, 2630-2638.	4.9	6
140	Full CSI selection combining for multi-relay cooperative diversity systems. , 2012, , .		6
141	Secrecy outage of TAS/GSC in Nakagami- m fading channels. , 2014, , .		6
142	Optimal Multilevel ASK With Noncoherent Diversity Reception in Uncorrelated Nonidentical and Correlated Rayleigh Fading. IEEE Transactions on Communications, 2016, 64, 2204-2219.	4.9	6
143	Incremental Selective Decode-and-Forward Relaying for Power Line Communication. , 2017, , .		6
144	On the Sum of Kappa Stochastic Variates and Applications to Equal-Gain Combining. IEEE Transactions on Communications, 2011, 59, 2434-2442.	4.9	5

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145	Duopoly price competition of WLAN service providers in presence of heterogeneous user demand. , 2012, , .		5
146	Optimisation of power allocation for asymmetric relay placement in multi-hop relay systems. IET Communications, 2013, 7, 128-136.	1.5	5
147	Channel Characterization for Devices in a Turbulent Diffusive Environment: A Mobile Molecular Communication Approach. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2019, 5, 222-232.	1.4	5
148	Transmitter IQ Imbalance Pre-Compensation for mm-wave Hybrid Beamforming Systems. , 2020, , .		5
149	DOA estimation by least squares approach. Electronics Letters, 1998, 34, 1187.	0.5	4
150	Performance of a coherent BPSK receiver in an impulsive noise environment. , 0, , .		4
151	Bounds on the inverses of nonnegative triangular matrices with monotonicity properties. Linear and Multilinear Algebra, 2007, 55, 365-379.	0.5	4
152	Performance of the decorrelating multiuser detector in a correlated fading environment. IEEE Transactions on Wireless Communications, 2008, 7, 5091-5099.	6.1	4
153	Performance analysis of a multi-relay cooperative diversity network with decode and forward relaying. , 2010, , .		4
154	Coded cooperation for BICM-OFDM. , 2012, , .		4
155	Performance of amplitude modulation schemes for molecular communication over a fluid medium. , 2014, , .		4
156	Fractional Pilot Duration Optimization for SIMO in Rayleigh Fading With MPSK and Imperfect CSI. IEEE Transactions on Communications, 2018, 66, 1732-1744.	4.9	4
157	Exact Expressions for PAPR Statistics in Low Number Subcarrier Multicarrier Systems. IEEE Wireless Communications Letters, 2020, 9, 938-942.	3.2	4
158	Compensation of Receiver IQ Imbalance in mm-wave Hybrid Beamforming Systems. , 2020, , .		4
159	A new approach to the performance analysis of DS-CDMA systems over fading channels. , 0, , .		3
160	Performance of the MMSE multiuser detector with equicorrelated signatures. IEEE Transactions on Communications, 2006, 54, 1360-1364.	4.9	3
161	Equal-Gain Combining with Unequal Energy Constellations. IEEE Transactions on Wireless Communications, 2007, 6, 1125-1132.	6.1	3
162	Optimal Receiver for MPSK Signaling with Imperfect Channel Estimation. , 2007, , .		3

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163	Performance Analysis of Two-User Cooperation Diversity. IEEE Vehicular Technology Conference, 2008, , .	0.2	3
164	Randomized Power Control for Two-Hop Interference Channels. IEEE Communications Letters, 2010, 14, 1128-1130.	2.5	3
165	Network Coded Cooperative BICM-OFDM. , 2011, , .		3
166	Performance Analysis of a Multi-Hop Communication System with Decode-and-Forward Relaying. , 2011, , .		3
167	Distributed Power Allocation in Two-Hop Interference Channels: An Implicit-Based Approach. IEEE Transactions on Wireless Communications, 2012, 11, 1911-1921.	6.1	3
168	Generalized selection combining in cognitive MIMO relay networks. , 2014, , .		3
169	Priority-based max-link relay selection scheme for buffer-aided DF cooperative networks. , 2018, , .		3
170	RACH in Self-Powered NB-IoT Networks: Energy Availability and Performance Evaluation. IEEE Transactions on Communications, 2021, 69, 1750-1764.	4.9	3
171	Performance of MRC and ZF Receivers in IQ-Impaired Uplink Massive MIMO Systems. , 2021, , .		3
172	An optimum detector for coherent M-ary signaling in the presence of impulsive noise. , 0, , .		2
173	Analysis of Performance of BPSK in an Additive Combination of Impulsive and Gaussian Noise. Wireless Personal Communications, 2003, 26, 1-15.	1.8	2
174	Multiuser Detection Techniques for TH-PPM Systems. IEEE Transactions on Vehicular Technology, 2007, 56, 2915-2921.	3.9	2
175	Equivalence of optimum and joint processing receivers for space-time block coded systems. IEEE Transactions on Wireless Communications, 2009, 8, 51-54.	6.1	2
176	Hybrid Coherent/Energy Detection for Cognitive Radio Networks. , 2010, , .		2
177	Game-Theoretic Resource Allocation for Two-Hop Interference Channels. , 2010, , .		2
178	Cooperative BICM-OFDM: Sub-carrier and power allocation. , 2010, , .		2
179	Asymptotic analysis for dual-hop communication networks with PSK and imperfect CSI. , 2014, , .		2
180	SLNC for Multi-Source Multi-Relay BICM-OFDM Systems. IEEE Transactions on Wireless Communications, 2014, 13, 2096-2112.	6.1	2

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181	Multicarrier modulation with variable peak-to-average power ratio using partial fast Fourier transform. IET Communications, 2015, 9, 1450-1457.	1.5	2
182	Outage probability of fixed-gain amplify-and-forward two-way relays with multiple co-channel interferers. IET Communications, 2019, 13, 649-656.	1.5	2
183	Buffer-Aided DF Relaying Network with CCI. , 2019, , .		2
184	Characterizing the Probability of Collision Between Information Particles in Molecular Communications. IEEE Wireless Communications Letters, 2021, 10, 1252-1255.	3.2	2
185	On the Average Harvested Energy of Directive Lightwave Power Transfer (DLPT). IEEE Wireless Communications Letters, 2021, 10, 1508-1512.	3.2	2
186	Downlink Multi-User Hybrid Beamforming Systems With Receiver IQ Imbalance: Pre-Compensation and Performance Analysis. IEEE Communications Letters, 2022, 26, 927-931.	2.5	2
187	Security in Diffusive Molecular Timing Channels: An Amount of Confusion Level Perspective. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2022, 8, 190-201.	1.4	2
188	On the existence of a steady state solution to a dynamic jamming game. , 0, , .		1
189	Capacity of RAKE reception with energy randomization. IEEE Communications Letters, 2003, 7, 364-366.	2.5	1
190	A Tight Upper Bound on the PEP of a Space-Time Coded System. , 2006, , .		1
191	Error Performance of Rectangular Signaling with MRC in Nakagami Fading. , 2007, , .		1
192	Optimum and Suboptimum Receivers for Space-Time Coded Systems in Correlated Fading. , 2007, , .		1
193	Optimum Receiver for a Realistic Transmit-Receive Diversity System in Correlated Fading. IEEE Transactions on Information Theory, 2008, 54, 5456-5468.	1.5	1
194	Distributed Space-Time Systems. Eurasip Journal on Advances in Signal Processing, 2008, 2008, , .	1.0	1
195	Deterministic Combining for Fading Channels. , 2009, , .		1
196	SEP of a scaled selection combining scheme with decode and forward relaying for MPSK signaling. , 2010, , .		1
197	Deterministic processing for MIMO systems. , 2010, , .		1
198	Asymptotic Performance of Lp-Norm MIMO Detection. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
199	Coalition-Assisted Resource Allocation for Large-Scale Cooperative Networks. , 2011, , .		1
200	Sensing time and power optimization in MIMO cognitive radio networks. , 2012, , .		1
201	Optimal power allocation in a multi-hop decode-and-forward communication system. , 2012, , .		1
202	WLAN Service Providers' Price Competition with Uncertainty in User Demand. IEEE Communications Letters, 2013, 17, 517-520.	2.5	1
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